Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

No. 1st and Final Bill (For Other Works) Date……20……

Division- Dasarahalli **Sub-Division:** Shettyhalli

Bill Received No……Dated……Cash Book Voucher No……dated……

Scheduled Docket No…… Head of Account:

Name of Work: Improvements and Ashalting to Chinnamma layout and adgacent cross roads in ward No 12, Shettyhalli Sub Division

Name of Contractor and Full Address: **M/s. KRIDL**

Reference to Agreement No:

Work Order No

Certified that the measurements were taken by me on 26/04/2019 and recorded in pages 347313 to 347315
Of measurement Book No 3474/2018-19 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurements were taken by me on 26/4/19 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and The contractor has not previously received any advance on this security. These materials are of an imperishable nature and Are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal Agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment **Sub-Division Officer**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

1)	Total value of work done or supplies made as per account within		
2)	Deduct amount to be held in reserve being……percent Rs……		
3)	Deduct amount to be held in Balance		
4)	Deduct Payment :		
	a) Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D No……		
	Amount adjusted towards cash advance recovery of		
	b) Payments cost store or other materials supplied.		
	Now made recovery of amount creditable to this/other work		
	Amount paid on this bill Cheque/Cash		
5)	Balance being unpaid value of work done held in reserve		
6)	Deduct cash advance made on the office Cash Book Voucher No……		
	date ……less adjustments		
7)	Net amount due to or from contractor		
	Unadjusted items		
8)	Advance to contractor for materials brought to site (as detailed) within value of Governme		
	materials supplied		

Contractor's Signature

Received Rs……(in words)
By Cash and by adjustment of Payment as per memorandum.

Witnesses: (For use in the Office)
1.

2.

Dated……Signature of Contractor

Paid by me by cheque No……Dated……

Cash Rs……Dated……

Initials of Officer Making Payment **Executive Engineer**

Name of Work: Improvements and Ashalting to Chinnamma layout and adgacent cross roads in ward No 12, Shettihalli Sub Division

ABSTRACT - R.A BILL No.01

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications 10km lead Complete as per the direction of Engineer in-charge	Cum	2174.52	220.40	479264.21	–	–	2174.11	220.40	479173.84 479174.28	2174.11	479173.84 479174.28
2	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. Complete as per the direction of Engineer in-charge	Cum	298.98	5421.90	1621039.66	–	–	298.91	5421.90	1620649.29 1620660=00	298.91	1620649.29 1620660=00

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm Complete as per the direction of Engineer in-charge	Cum	523.22	7070.20	3699234.69 3699270.00			523.09	7070.20	3698343.85 3698350.91	523.09	3698343.85 3698350.91
4	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specificatio Complete as per the direction of Engineer in-charge	Tn	36.63	72326.98	2648979.26 2649337.27	–	–	36.63 36.58	72326.98	2648979.26 2645721.00	36.63 36.58	2648979.26 2645721.00

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
5	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. Complete as per the direction of Engineer	Sqm	1494.90	2208.00	3300739.20			1494.54	2208.00	3299944.32	1494.54	3299944.32
6	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per	Sqm	18.30	5241.00	95910.30			18.30	5241.00	95910.30	18.30	95910.30
7	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 10km lead Complete as per the direction of Engineer in-charge	Cum	992.48	69.06	68540.66			992.48 992.57	69.06	68540.66 68547.19	992.48 992.57	68547.19 68540.66

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
8	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications Complete as per the direction of Engineer in-charge	Sqm	2181.25	6.36	13872.75			2179.60	6.36	13862.26	2179.60	13862.26
9	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision. Complete as per the direction of Engineer	Cum	462.43	1994.92	922505.87 922510.85			462.42	1994.92	922486.42 922490.90	462.42	922486.42 922490.90
10	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications Complete as per the direction of Engineer in-charge	Cum	693.64	2001.28	1388167.85 1388170.36			693.63	2001.28	1388147.84 1388141.09	693.63	1388147.84 1388141.09

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
11	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision Complete as per the	Sqm	3082.85	29.68	91498.99			3082.79	29.68	91497.06 91497.20	3082.79	91497.06 91497.20
12	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications Complete as per the	Sqm	4734.20	12.72	60219.02			4729.87	12.72	60163.91	4729.87	60163.91
13	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen Complete as per the direction of Engineer in-charge	Cum	154.14	6858.20	1057140.09 1057122.94			154.14	6858.20	1057117.80 1057122.94	154.14	1057117.80 1057122.94

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
14	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 507 of MORTH V revision using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 5.4% VG-30 Bitumen (Complete as per the direction of Engineer	Cum	167.57	7911.84	1325794.94			167.40	7911.84	1324431.73	167.40	1324431.73

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
15	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. Complete as per the direction of Engineer in-charge	Sqm	183.30	454.74	83353.84			183.22	454.74	83317.46	183.22	83317.46
	Total				**16856263.51**					**16852566.22**		**16852566.22**
	GST 12%				**2022751.62**					**2022307.95**		**2022307.95**
	KRIDL Charges 4.5%				**758531.86**					**758365.48**		**758365.48**
	Grand Total				**19637546.99**					**19633239.65**		**19633239.65**

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Assistant Engineer.
Ward No-12
BBMP Bangalore

Asst. Executive Engineer,
Shettyhalli Sub division
BBMP Bangalore